

wherein said shape memory foam material is a composite material obtained by compressing said base foam material and said thermoplastic substance, and

wherein a compressed state of said shape memory foam material is retained in a room temperature by a hardened product of said thermoplastic substance existing at least in the surface layer part thereof, and

wherein the compressed state is released by softening said hardened product of said thermoplastic substance by heating.

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10. (Amended) A soundproof cover for an automobile engine, comprising a shape memory foam material including:

a base foam material; and

a thermoplastic substance impregnated and distributed in the cells of said base foam material and having a melting point lower than that of said base foam material,

wherein said shape memory foam material is a composite material obtained by compressing said base foam material and said thermoplastic substance, and

wherein a compressed state of said shape memory foam material is retained in a room temperature by a hardened product of said thermoplastic substance existing at least in the surface layer part thereof, and

wherein the compressed state is released by softening said hardened product of said thermoplastic substance by heating.

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